

Workshop Timeslot 1 - Session D: Left Shift (System Transformation and Shifting the Balance of Care)

Agenda:

- Welcome, introductions and partnership working
 - Health Innovation East & SNEE ICS
- System working examples and impact
 - Skin Analytics
 - SiSU Health
- Panel Discussion and audience Q&A



Health Innovation *East*



Dr Louise Jopling
Commercial Director
26th February 2024

Part of the
**Health
Innovation
Network**



Office for
Life Sciences



Health Innovation Networks are the innovation arm of the NHS

- We support the adoption and spread of proven innovations into our health and care system.
- We work with industry to help them to position their products most effectively for the NHS.
- We support wealth creation, recognising the social determinants of health.
- We are 15 organisations with c.800.



Partnering across integrated care systems

The establishment of integrated care systems (ICSs) across England has enabled services to be commissioned and run collaboratively at system level, based on the health needs of the local population.

In the East of England we have been working closely with our ICSs to understand their local priorities and develop their capability and capacity for innovation.



What we do



Our job is to help innovators to **navigate complex systems, generate value propositions** and convene citizens, academia, health services and industry to overcome challenges together.

Through this work we help patients, health providers and citizens to **realise the value of innovations quicker.**

How we work

Convene



- **Create the right conditions for enabling innovation:** bringing the right teams and individuals together.
- **Build lasting partnerships between sectors:** to bring solutions to market and deliver maximum benefits for all.
- **Share diverse perspectives to shape the future of health and care:** including mobilising people with lived experience to provide insights and test ideas.

Develop



- **Identify populations most likely to benefit and analyse results:** using our health informatics and data analytics capabilities.
- **Provide the know-how to take ideas forward in complex health systems:** working with partners to introduce a pathway or technology where it will have the biggest impact.
- **Develop and evaluate compelling value propositions and evidence:** and unlock funding to make change happen.

Deliver



- **Adopt and spread national programmes:** build a lasting legacy for health and care including our patient safety programmes.
- **Mobilise leaders to champion change:** design and deliver change management programmes alongside the NHS and industry to introduce and evaluate innovations.
- **Encourage health services to embrace the future:** importing ideas from other industries and hosting thought provoking events.

The criteria for selecting our projects



Evidence-based outcomes

We seek to support innovations which have a positive outcome on people's lives, working hours saved, fewer hospital interventions, adverse events mitigated or avoided, and increased economic benefit.



Reducing inequalities

We remain committed to work with our partners, including ICSs and NIHR ARC, to find innovations that meet diverse needs and reach those in our region most in need to reduce health inequalities.



Transforming systems

We have a role in encouraging and enabling our local system to transform by championing changes including, embedding a culture of innovation to improve population health.



Leveraging investment

We remain committed to supporting our SME industry partners and health and care partners to receive funding to support economic growth within the East of England.

Our impact in numbers 2022-23

Throughout 2022/23 we have worked with our partners to turn great ideas into positive health impact. Here are just some of the statistics that show the impact of our work during this time.

32 new
FeNO devices
placed within our systems, resulting in
6,720 patients
benefiting from tests to either
identify people with asthma or
supporting medicine optimisation.



We supported **140**
new patients
in our region to access
biologic therapies
to reduce the symptoms of
severe asthma.

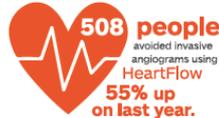


Healthcare providers using 'C the Signs'
have seen a **12.5%**
increase in cancer detection.

19,689 extra patients
have been prescribed Epic-Howering therapy to optimise
their cholesterol levels. This treatment is estimated to
prevent between 1,000 - 2,000
cardiovascular events
such as strokes and heart attacks over the next
five years in these patients.



Estimated **£12.8m**
lifetime savings
from the prevention of cerebral palsy
by giving magnesium sulphate to
608 eligible women
in preterm labour.



508 people
avoided invasive
angiograms using
HeartFlow
55% up
on last year.



750+
health care professionals
have attended our CVD training
sessions and webinars.



More than **£800,000**
(grant funding and investment)
secured by the health informatics team
to develop infrastructure and platforms
to facilitate health data research.

**Investment
leveraged** (£) (£)
with Eastern AHSN support:
£24,833,573
(of which £3,210,916, from additional grant funding)

1,179
people have
benefitted from our
**innovator
toolkits.**

2,478+
hours of support
to assist the
development of
innovators.

Supported
887
companies
across the UK and
internationally.



784 people
benefitted from use of the
QbTest to support
diagnostic decisions for
ADHD among young people.

44.5 jobs safeguarded (FTE)



31.6 jobs created (FTE)

To understand hypertension
management from a patient's
perspective, we surveyed

700+
members of the public.



139 **16-25yr olds**
with eating disorders supported to
access NICE-recommended treatment
through **FREED** programmes, giving them
a better chance of full recovery and saving
an estimated **£92,819**
in NHS treatment costs.



1,298 people
downloaded **FibriCheck**
and **36** used the
Zio XT patch to
help detect and assess
cardiac arrhythmias.



78%
of care homes in our region have
implemented deterioration management tools
with the remaining **22%** currently
testing or implementing them.

Eastern AHSN

Thank you for listening!

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Innovation East.**



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innovation

implies developing an invention to the point where it catches on because it is sufficiently practical, affordable, reliable and ubiquitous to be worth using.

Matt Ridley: How Innovation Works (2020)

Dr Caroline Angus

Director of the Integrated Care Academy

Suffolk and North East Essex ICS



Our challenges

- Population demographic
- Evolving health and care needs
- Demand and capacity
- Reducing health inequalities

Our approach in SNEE to innovation

- Creating a **culture** for innovation across our system
- Developing the **capability** and **capacity** for innovation across our system
- **Developing connections** across our system to accelerate the prioritisation, development and uptake of innovation

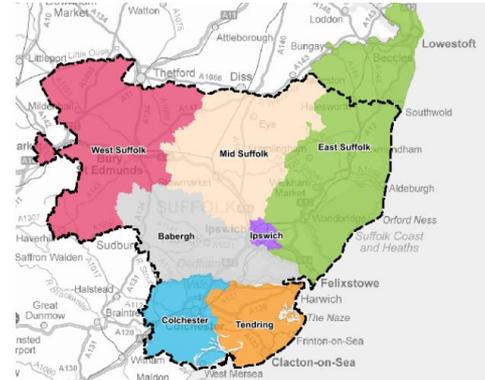
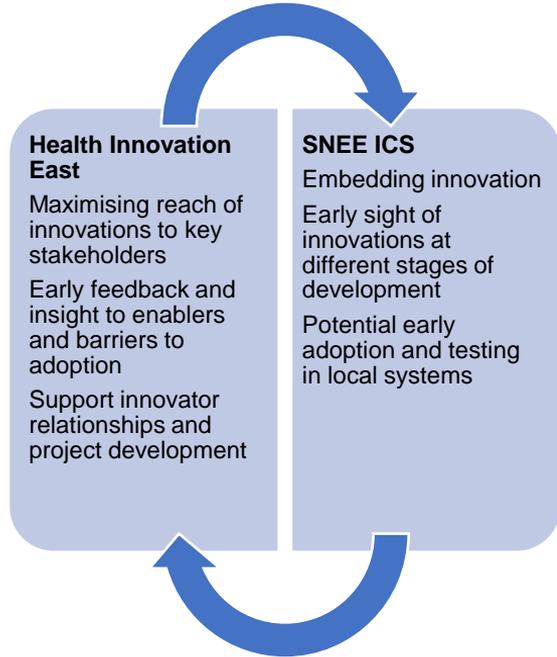


Priorities: Joint Forward Plan

SNEE ICB has defined its delivery priorities using the six domains of the Live Well model which also set out the six overall outcomes we wish to achieve

- **Stay Well**
 - **Early intervention, prioritising early diagnosis and treatment for people living in the 20% most deprived areas:**
 - Increase the percentage of cancers diagnosed at stages 1 and 2 to 75% by 2028
 - 80% of people with high blood pressure are identified and treated by 2028
 - More than 85% of people with atrial fibrillation are identified and 90% of those at high risk of stroke are treated by 2028
- 

Innovation in partnership with Health Innovation East



Innovation implementation, adoption and spread

Willingness and vision to drive change

- Engage widely across multiple teams at earliest opportunity
- Identify key clinical lead support
- Formal sharing of evidence base and feedback from adoption elsewhere

Holistic approach to people's health and care

- Understand local variation
- Health inequalities
- Patient and public involvement

Integrated partnership working

- Shared vision
- Capacity within the system
- Timeframes for development, implementation and evaluation

Flexible and responsive approach

- Communication of priorities and opportunities
 - Funding
- 

Future ambitions – our Joint Forward Plan for Innovation



We will be recognized as system leaders in the development and delivery of high-impact innovations



We will have a programme of horizon scanning and pipeline of innovations to support our approaches to the most-pressing challenges



We will have significantly grown our portfolio of innovation programmes in partnership with industry and Health Innovation East and increased investment in innovation into our local system



We will have established and embedded system wide knowledge and expertise in innovation, and developed innovation fellowships



We will have increased our capability to provide real world evidence to validate the impact of innovations that will be shared regionally and nationally